

Tennessee Pollution Prevention Partnership Success Story



Maytag Cleveland Cooking
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Recycling Cleans The Air And Adds Dollars To The Bottom Line

The Member

Maytag Cleveland Cooking Products began its Cleveland, Tenn. operations in 1916 as Dixie Foundry Company, a manufacturer of hollowware including sugar pots and teakettles. Company founder S. B Rymer, Sr. expanded the product mix to stoves and ranges, and the company expanded into a major producer of home appliances through continued internal growth and corporate acquisitions. In 1958, Dixie Foundry purchased Magic Chef of St. Louis, Mo. and became Magic Chef, Inc. In 1986, the Maytag Company of Newton, Iowa acquired Magic Chef that was renamed Maytag Cleveland Cooking Products occupying 61.1 acres in three plants and employing 2500 associates. The facility produces approximately 145,000 gas and electric cooking appliances per month for domestic and worldwide markets. MCCP is ISO 9001-certified. In 1984 when significant operational changes were incorporated, the facility reduced its hazardous waste status from a Large Quantity Generator to a Conditionally Exempt Small Quantity Generator in 2002.

The Story

The mission of Maytag Cleveland Cooking Products is, "To be the undisputed leader of cooking products by consistently providing customers the best quality and the best value." Achieving this goal requires the facility to be environmentally friendly as well as stated in the Environmental Policy: "We are committed to protecting our environment as well as the health and safety of employees, customers and consumers. Our manufacturing operations and products comply with all applicable governmental regulations, industry and internal standards, and company policies. We are dedicated to the implementation and continuous improvement of processes for pollution

prevention, waste reduction and natural resource conservation." In keeping with this mission, in May 2004 the facility decommissioned, removed, and surrendered the permit to TDEC for an obsolete industrial incinerator that allowed for incineration of a maximum of 1,500 pounds per hour of Type 0 waste) In addition supplemental natural gas was required to achieve full combustion of the materials. Today the facility recycles these corrugated and wood materials eliminating the air pollution and the ash that previously had required solid waste disposal. Savings of \$186,350 per year were realized in reduction of operational costs.

The Success

From May 2004 through April 2005, Maytag Cleveland Cooking Products recycled 2,078 tons of corrugated, 675 tons of wood and other materials. This generated \$39,500 in positive cash flow. During the same period two years earlier, the facility incinerated 1,600 tons of corrugated, 600 tons of wood and disposed of 173 tons of ash. Recycling provided significant savings not just by reducing air pollution, but also reduced significant amounts of solid waste and energy usage.

The Pollution Prevented

Cleveland Cooking Products now recycles wood and corrugated materials that previously had been incinerated and has eliminated air pollution by the maximum charging rate of 1,500 pounds per hour of waste; 3 pounds per hour of particulate matter; 2.0 pounds of sulfur dioxide emission; and has erased air pollutants from natural gas combustion realizing \$225,850 per year in savings.

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